Regulatory Peptides, 28 (1990) 343–345
Elsevier

Contents of volume 28

Number 1, 27 March 1990

Effects of neuropeptide Y and noradrenaline on uterine artery blood pressure and blood flow velocity in the pregnant guinea-pig
G. Fried and M. Thoresen (Sweden) 1

Canine neurotensin, neurotensin$^{6-13}$ and neuromedin N: primary structures and receptor activity
S. P. Mitra, K. Muraki, D. R. Brown, A. M. Parsons and R. E. Carraway (U.S.A.) 11

Tonic suppression of baroreceptor reflex by endogenous neurotensin in the rat
C.-T. Chen, J. Y. H. Chan, C. D. Barnes and S. H. H. Chan (Republic of China, U.S.A.) 23

N-terminally extended substance P is released together with substance P from rat spinal cord
G. Toresson, C. de las Carreras, L. Bertilsson and E. Brodin (Sweden) 39

Gastrin-releasing peptide: neuronal distribution and spatial relation to endocrine cells in the human upper gut
M. Sjövall, E. Ekblad, L. Lundell and F. Sundler (Sweden) 47

Bombesin-like immunoreactive material in the gut, and the effect of bombesin on the stomach circulatory system of an elasmobranch fish, *Squalus acanthias*
C. Bjenning, A.-C. Jönsson and S. Holmgren (Sweden) 57

Limited proteolysis of the vasoactive intestinal peptide receptor: comparison of its folded structure in the membrane-bound and detergent-solubilized states
S. A. Provow and G. Veliçelebi (U.S.A.) 71

Systemic administration of kainic acid produces elevations in TRH in rat central nervous system
M. S. Kreider, B. L. Wolfinger and A. Winokur (U.S.A.) 83

Dynamic of the GRF-induced GH response in genetically obese Zucker rats: influence of central and peripheral factors
G. Renier, P. Gaudreau, N. Deslauriers, D. Petitclerc and P. Brazeau (Canada) 95

Evidence that gastrin enhances ^{45}Ca uptake into bone through release of a gastric hormone
R. Håkanson, P. Persson, J. Axelson, O. Johnell and F. Sundler (Sweden) 107

Sensitivity of spontaneously hypertensive and of Wistar Kyoto rats to the antidipsogenic action of eledoisin
P. Pompei, C. Polidori, M. Perfumi and M. Massi (Italy) 119

Number 2, 24 April 1990

Announcement from the Publisher iii

Elevated serum gastrin after food intake or acid blockade evokes hypocalcemia
R. Håkanson, P. Persson and J. Axelson (Sweden) 131

Gastrointestinal motor effects of corticotropin-releasing factor in mice
R. J. Sheldon, Q. Jiang, F. Porreca and L. A. Fisher (U.S.A.) 137

Desmopressin, but not vasopressin, decreases activity of the hypothalamo-neurohypophysial system in Brattleboro rats
M. Kadekaro, E. Nermo-Lindquist, M. L. Terrell, S.M. Kelly, S. Freeman, P. M. Gross and H. M. Eisenberg (U.S.A., Canada) 153

Galanin in the procine pancreas
T. Messell, H. Harling, G. Böttcher, A. H. Johnsen and J. J. Holst (Denmark, Sweden) 161

Colocalization of peptides and a catecholamine-synthesizing enzyme in intramural neurones of the newborn guinea-pig urinary bladder in culture
S. James and G. Burnstock (U.K.) 177

Rat pancreastatin inhibits both pancreatic exocrine and endocrine secretions in rats
K. Miyasaka, A. Funakoshi, Y. Yasunami, R. Nakamura, K. Kitani, H. Tamamura, S. Funakoshi and N. Fujii (Japan) 189

The effects of separate or combined infusions of corticotrophin-releasing factor and vasopressin either intraventricularly or into the amygdala on aggressive and investigative behaviour in the rat
D. R. Elkabir, M. E. Wyatt, S. V. Vellucci and J. Herbert (U.K.) 199

Somatostatin immunohistochemistry of hippocampal slices with Lucifer Yellow-stained pyramidal neurons responding to somatostatin
M. Joëls, S. G. Madamba, S. D. Moore, J. H. Morrison and G. R. Siggins (U.S.A., The Netherlands) 215

Characterization of gastrin amidation in the rat and porcine antrum: comparison with the pituitary
C. J. Dickinson and T. Yamada (U.S.A.) 223

Cerebrospinal fluid immunoreactive β-endorphin concentration is increased by voluntary exercise in the spontaneously hypertensive rat
P. Hoffmann, L. Terenius and P. Thorén (Sweden) 233

Number 3, 21 May 1990

Bombesin-like peptides stimulate gastrin release from isolated rat G-cells
W. Schepp, C. Prinz, R. Håkanson, V. Schusdziarra and M. Classen (F.R.G., Sweden) 241

Local cerebral blood flow following the intrastriatal administration of vasoactive intestinal peptide or peptide histidine isoleucine in the rat
U. I. Tuor, L. Edvinsson, P. A. T. Kelly and J. McCulloch (Canada, Sweden, U.K.) 255

Gallbladder CCK receptors: species differences in glycosylation of similar protein cores
B. Schjoldager, X. Molero and L. J. Miller (U.S.A.) 265

Renal uptake and excretion of epidermal growth factor from plasma in the rat
P. E. Jørgensen, T. N. Rasmussen, P. S. Olsen, L. Raaberg, S. S. Poulsen and E. Nexø (Denmark) 273

Differential patterns of relaxation by synthetic atrial peptide (APII) in the pulmonary artery, ascending and distal abdominal aorta
S. Aardal, M. Bråtveit and K. B. Helle (Norway) 283

Influence of somatostatin and epidermal growth factor (EGF) on the proliferation of thyroid follicular cells in organ culture
G. Zerek-Mełeń, A. Lewiński and M. Szkudliński (Poland) 293

The immunostaining for the hypothalamic vasoactive intestinal peptide, but not for β-endorphin, dynorphin-A or methionine-enkephalin, is affected by the glucocorticoid milieu in the rat: correlation with the prolactin secretion
H. Watanobe (U.S.A.) 301

Receptor type for cholecystokinin on isolated intestinal muscle cells of the guinea pig
G. Morini, E. Barocelli, M. Impicciatore, J. R. Grider and G. M. Makhlouf (Italy, U.S.A.) 313

Regional distribution of neuropeptide γ and other tachykinin peptides derived from the substance P gene in the rat
Y. Takeda, J. Takeda, B. A. Smart and J. E. Krause (U.S.A.) 323

Announcements 334

Author index 336

Key word index 339